

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2015

Name of Person Submitting Request:	Lorrie Burnham
Program or Service Area:	Biology
Division:	Science
Date of Last Program Efficacy:	Spring 2013
What rating was given?	Continuance
Equipment Requested	Micropipettes
Amount Requested:	\$11220.00
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/15oqoxm)	Strategic Goals of Student Success #2: 2.6.2; 2.6.3; 2.6.3.1 and .2; 2.6.5

NOTE: To facilitate ranking by the committee, submit separate requests for each item; however, multiple items can be submitted as one request if it is required that the equipment is packaged together.

Replacement Additional

1. Provide a rationale for your request.

The micropipettes are equipment for laboratory experimentation to be used with Microbiology (Bio 270) courses. There are quite a few experiments that students do that utilize micropipettes. Currently students have to wait on others to be done with the micropipettes before they can begin their experiment. A complete classroom set of the different micropipettes we have would allow students to start their experiment without having to wait for others to be done.

2. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

The 2013 Program Efficacy document, Planning Section, p17-18 illustrates the high demand for Registered nurses.
 2015 EMP, Program goals, plan for re-expansion.

Any lab experiment listed in the aforementioned courses that rely upon small volume measurements for solution prep or analysis will require these pieces of equipment. Therefore the necessity for additional micropipettors can be linked to any laboratory COR items where the use of a micropipettor is required.

3. Indicate if there is additional information you wish the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

4. Evaluation of initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources (*for example Department, Budget, Perkins, Grants, etc.*).

The amount requested is for 86 different micropipettes to bring each of what we do have up to a single full class set. There is no alternative funding sources for these items.

5. What are the consequences of not funding this equipment?

The consequences of not funding this equipment means that we will not have currency in our labs because we will be unable to measure small volumes of solutions needed.